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(54) Title: POXVIRUS VECTOR ENCODING PROSTATE SPECIFIC ANTIGENS FOR TREATMENT OF PROSTATE CANCER

(57) Abstract: A genetic vaccine construct comprising a poxvirus vector which incorporates and, on administration to a subject, expresses in a cell of said subject a sequence of nucleotides encoding a prostate-specific polypeptide, wherein said poxvirus vector does not productively infect said subject. The genetic vaccine construct is for treatment of prostate cancer. The prostate specific polypeptide is preferably rat prostatic acid phosphatase, and is preferably xenogenic to the subject. The poxvirus vector is an avipox virus vector, preferably a fowl poxvirus vector. The genetic vaccine construct may also encode for one or more cytokines.

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